

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102722\
 Data File : VY011130.D
 Acq On : 27 Oct 2022 11:12
 Operator : KP/MD
 Sample : VY1027SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1027SBL01

Quant Time: Oct 28 00:45:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

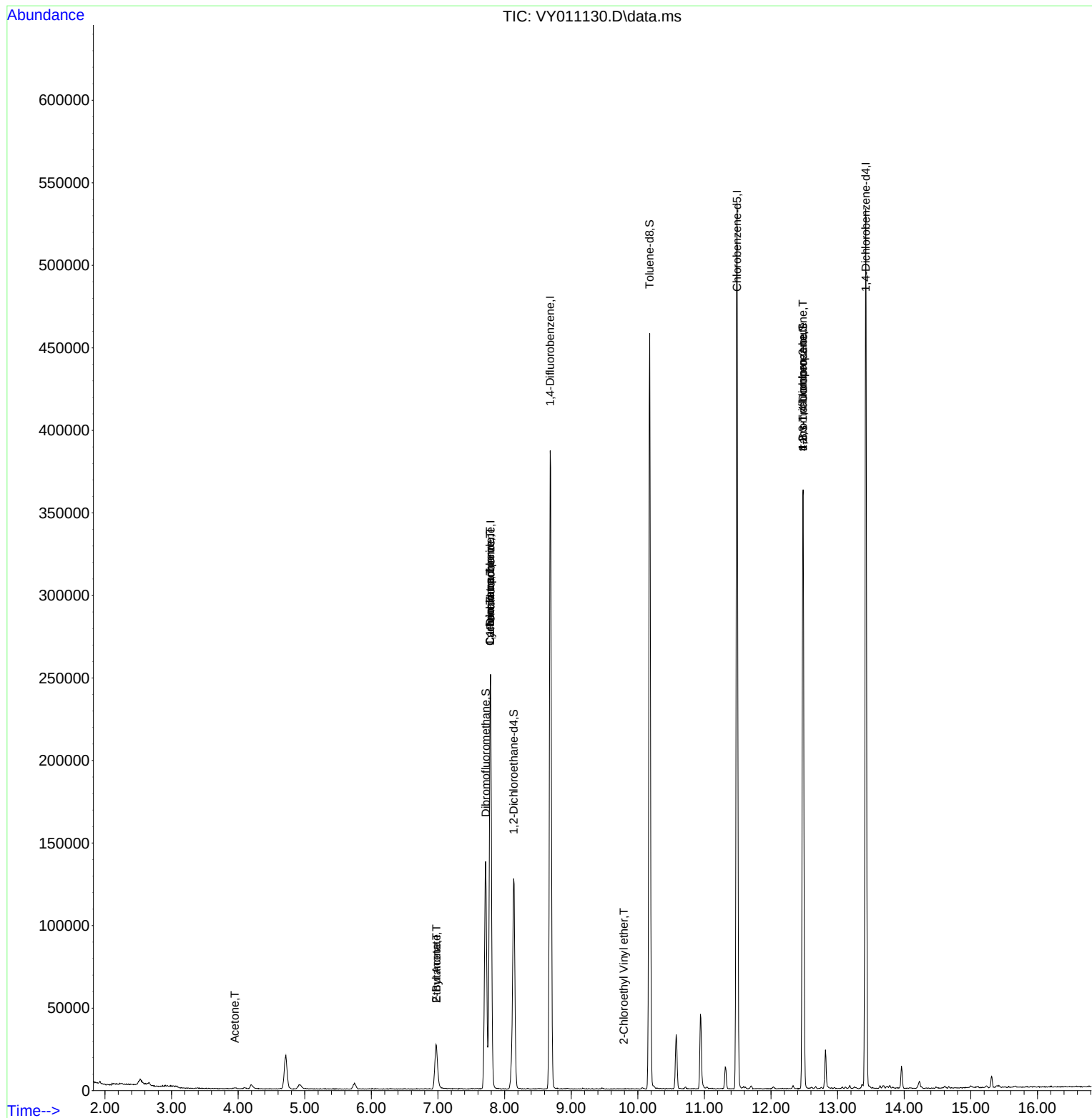
Internal Standards						
1) Pentafluorobenzene	7.789	168	196270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	337107	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	302621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	138878	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	93607	51.776	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.560%			
35) Dibromofluoromethane	7.716	113	97659	52.059	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.120%			
50) Toluene-d8	10.179	98	306138	43.493	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 86.980%			
62) 4-Bromofluorobenzene	12.477	95	108642	43.152	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 86.300%			
Target Compounds						
11) Tert butyl alcohol	4.930	59	3123	Below Cal	#	77
16) Acetone	3.948	43	1202	2.289	ug/l	96
18) Methyl Acetate	4.265	43	45	Below Cal	#	56
25) 2-Butanone	6.978	43	1910	2.399	ug/l	# 80
31) Cyclohexane	7.783	56	3878	1.121	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	15218	4.849	ug/l	# 51
37) Ethyl Acetate	6.978	43	1910	1.099	ug/l	# 1
38) Carbon Tetrachloride	7.783	117	19367	5.979	ug/l	# 16
58) 2-Chloroethyl Vinyl ether	9.788	63	65	17.009	ug/l	# 48
76) 1,2,3-Trichloropropane	12.477	75	54138	34.336	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	54138	73.847	ug/l	# 7

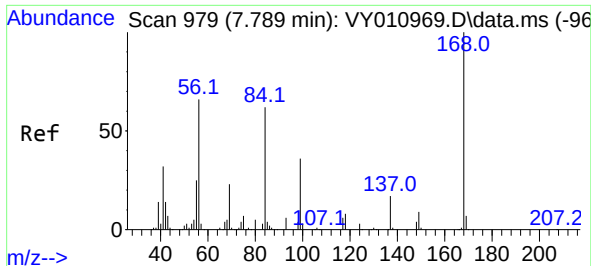
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102722\
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Instrument :
MSVOA_Y
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VY1027SBL01

Quant Time: Oct 28 00:45:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 18 01:42:42 2022
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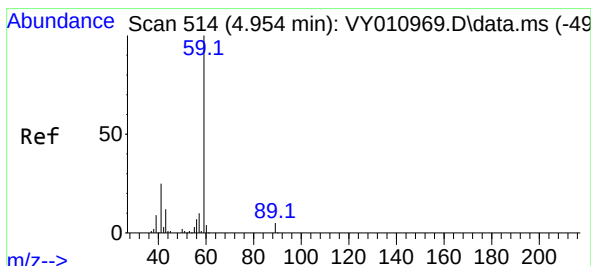
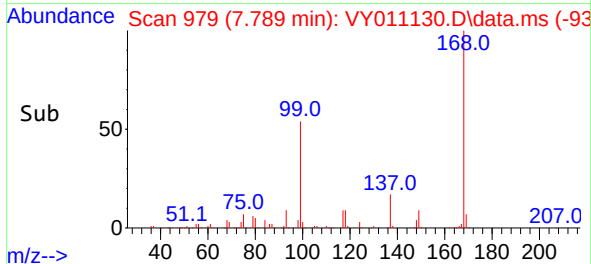
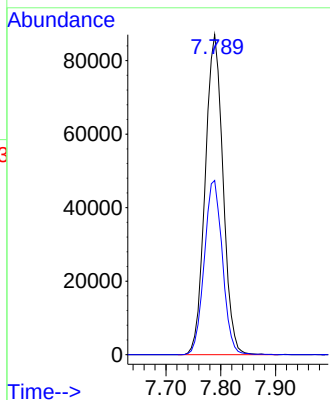
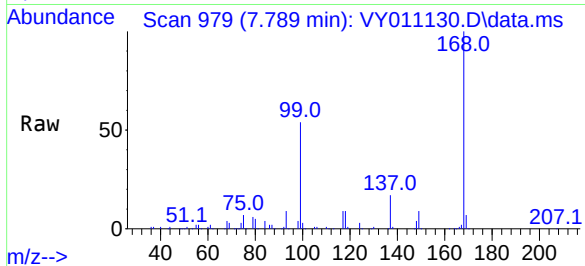




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011130.D
Acq: 27 Oct 2022 11:12

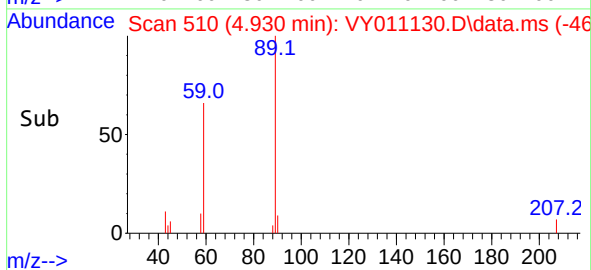
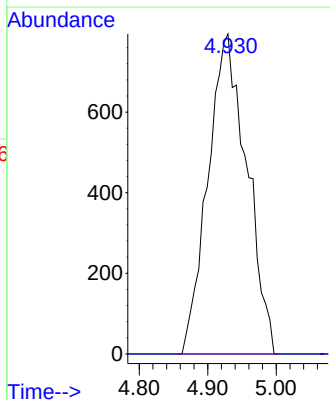
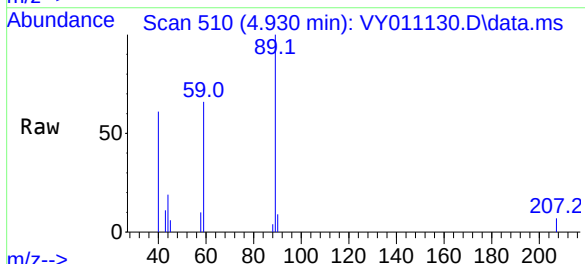
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBL01

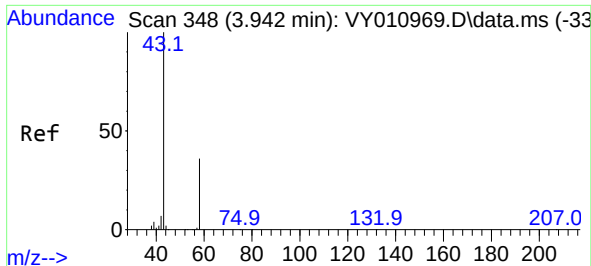
Tgt Ion:168 Resp: 196270
Ion Ratio Lower Upper
168 100
99 54.5 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.024 min
Lab File: VY011130.D
Acq: 27 Oct 2022 11:12

Tgt Ion: 59 Resp: 3123
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

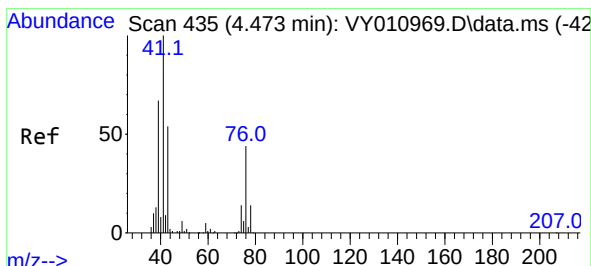
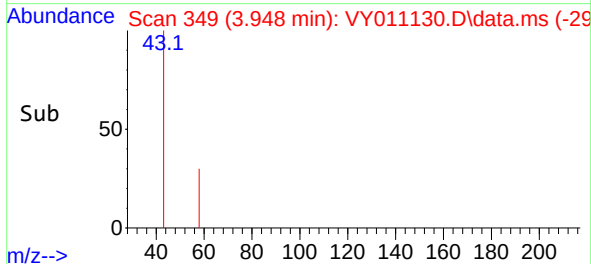
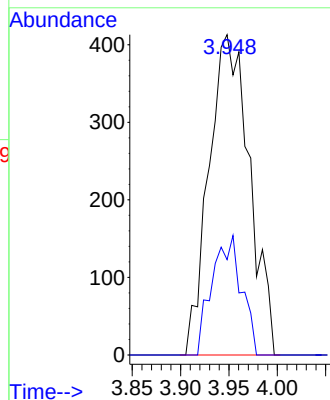
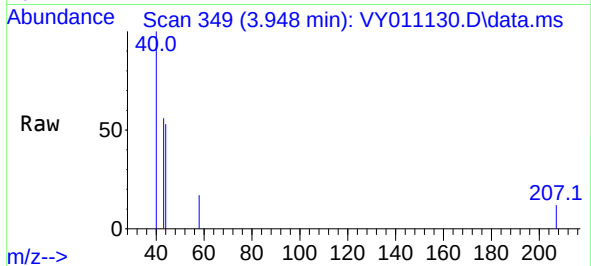




#16
Acetone
Concen: 2.289 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY011130.D
Acq: 27 Oct 2022 11:12

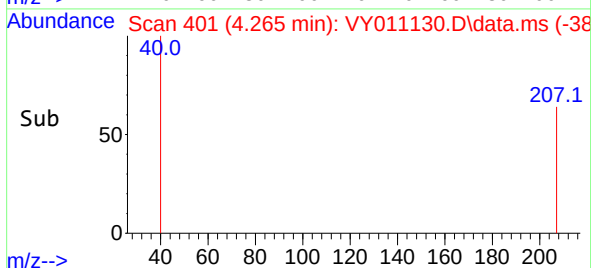
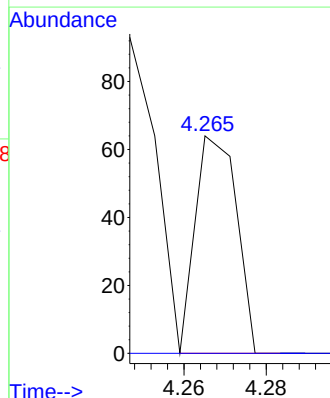
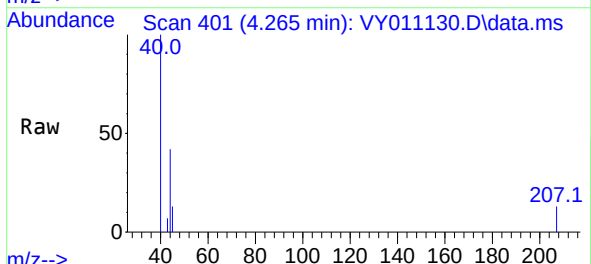
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBL01

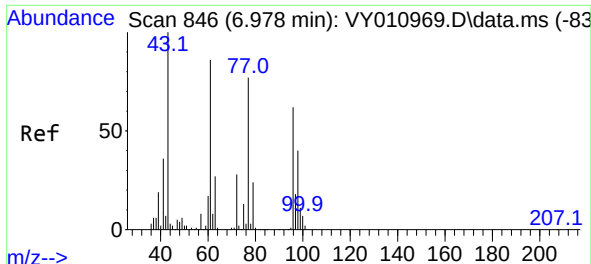
Tgt Ion: 43 Resp: 1202
Ion Ratio Lower Upper
43 100
58 29.8 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.265 min Scan# 401
Delta R.T. -0.208 min
Lab File: VY011130.D
Acq: 27 Oct 2022 11:12

Tgt Ion: 43 Resp: 45
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





#25

2-Butanone

Concen: 2.399 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY011130.D

Acq: 27 Oct 2022 11:12

Instrument :

MSVOA_Y

ClientSampleId :

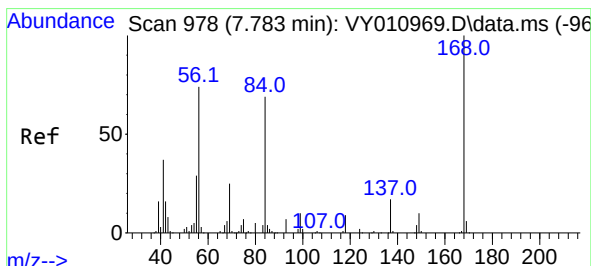
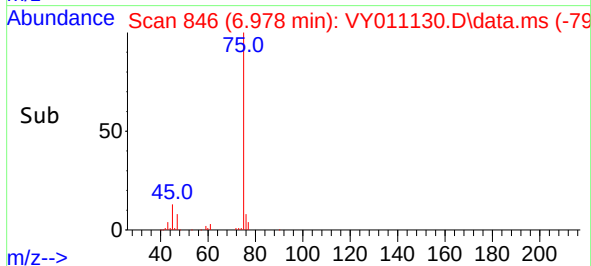
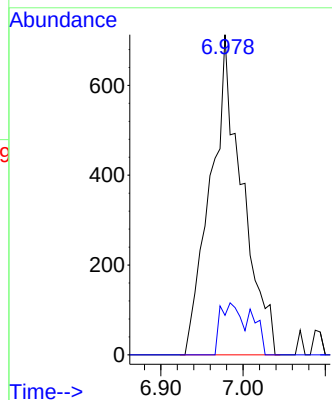
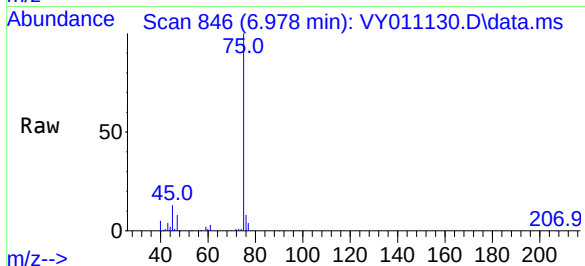
VY1027SBL01

Tgt Ion: 43 Resp: 1910

Ion Ratio Lower Upper

43 100

72 12.3 17.7 26.5#



#31

Cyclohexane

Concen: 1.121 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY011130.D

Acq: 27 Oct 2022 11:12

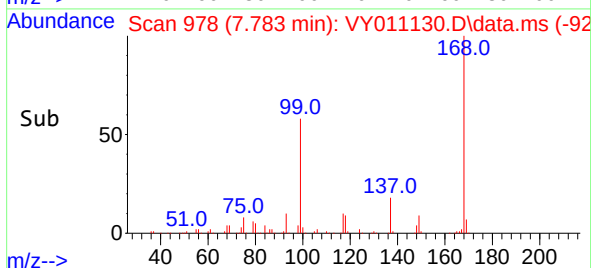
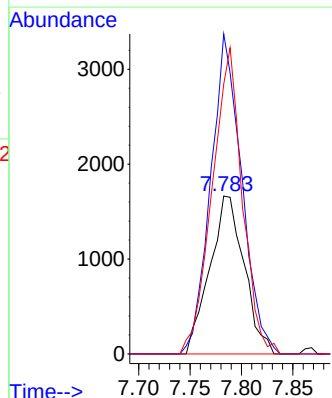
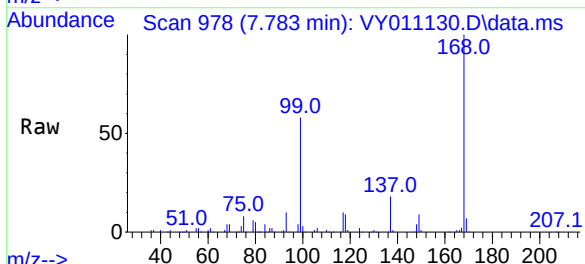
Tgt Ion: 56 Resp: 3878

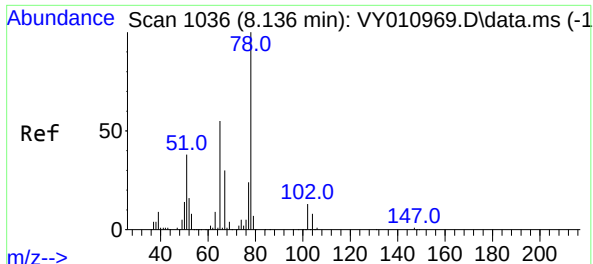
Ion Ratio Lower Upper

56 100

69 202.5 26.7 40.1#

84 177.2 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 51.776 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011130.D

Acq: 27 Oct 2022 11:12

Instrument :

MSVOA_Y

ClientSampleId :

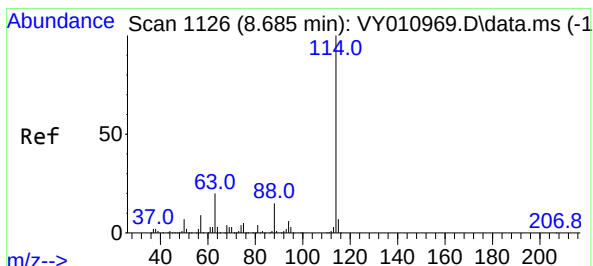
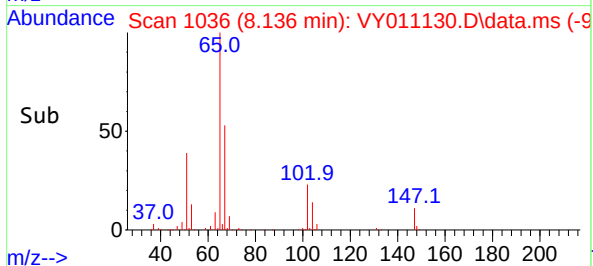
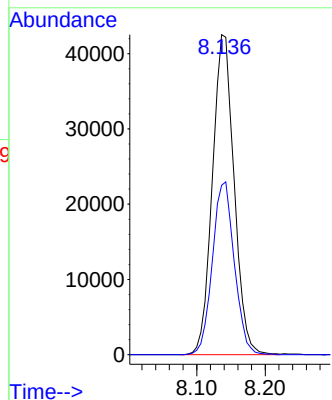
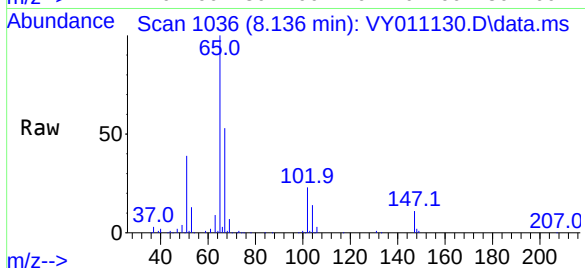
VY1027SBL01

Tgt Ion: 65 Resp: 93607

Ion Ratio Lower Upper

65 100

67 54.5 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011130.D

Acq: 27 Oct 2022 11:12

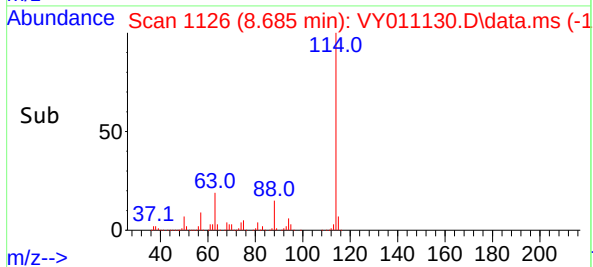
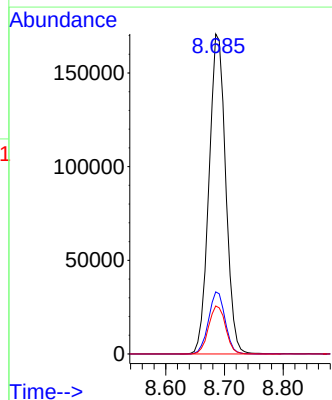
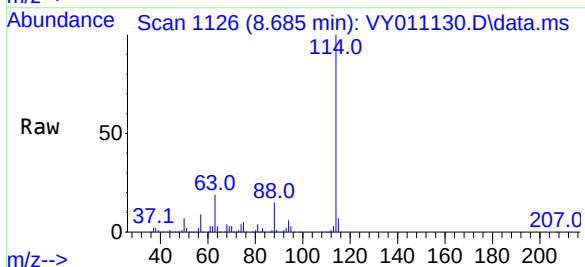
Tgt Ion: 114 Resp: 337107

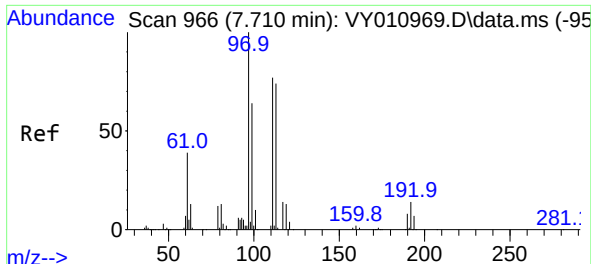
Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

88 15.0 0.0 31.8

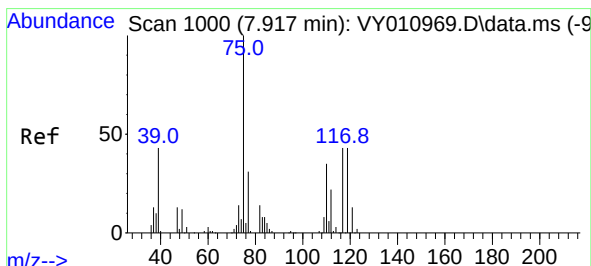
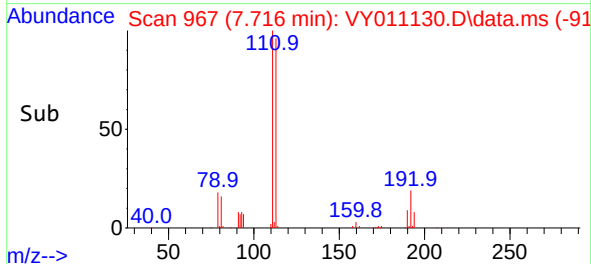
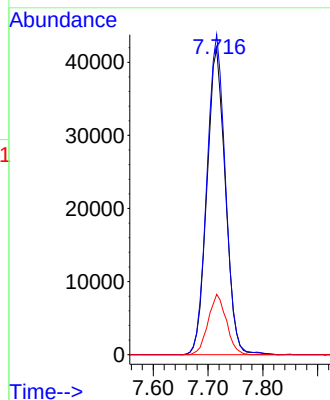
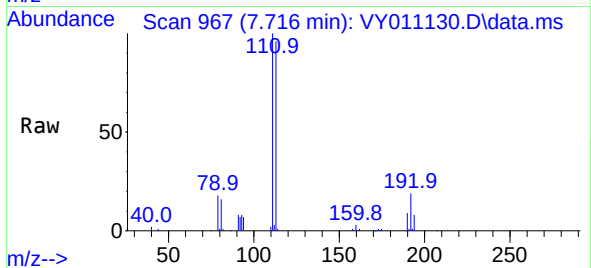




#35
Dibromofluoromethane
Concen: 52.059 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011130.D
Acq: 27 Oct 2022 11:12

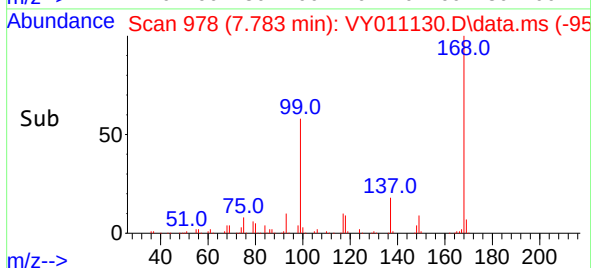
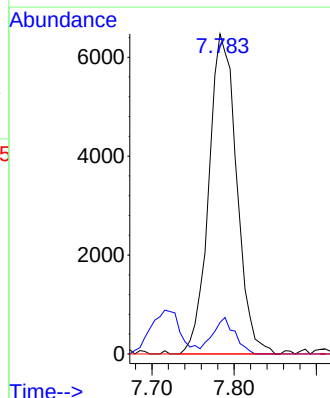
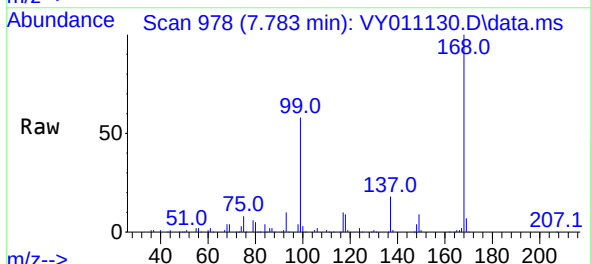
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBL01

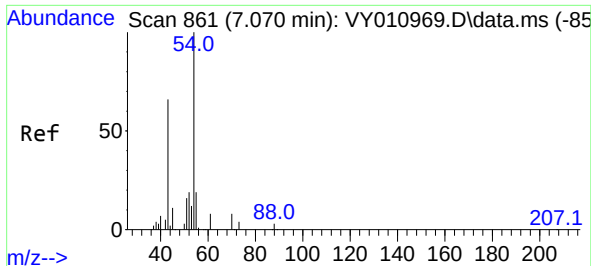
Tgt Ion:113 Resp: 97659
Ion Ratio Lower Upper
113 100
111 104.7 82.6 124.0
192 19.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.849 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY011130.D
Acq: 27 Oct 2022 11:12

Tgt Ion: 75 Resp: 15218
Ion Ratio Lower Upper
75 100
110 9.0 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.099 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.092 min

Lab File: VY011130.D

Acq: 27 Oct 2022 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1027SBL01

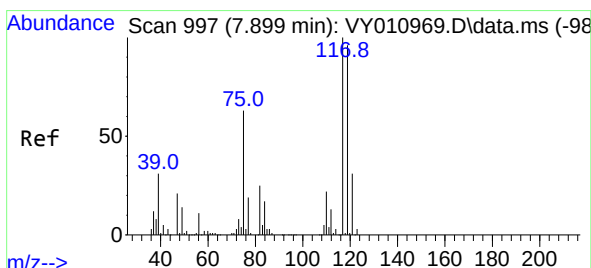
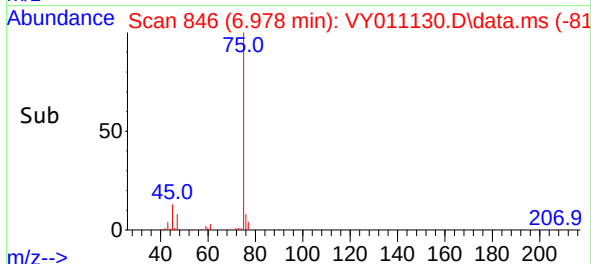
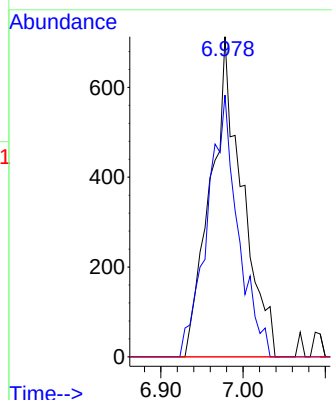
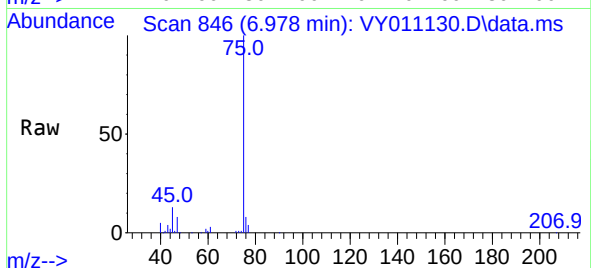
Tgt Ion: 43 Resp: 1910

Ion Ratio Lower Upper

43 100

61 79.0 9.7 14.5#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.979 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY011130.D

Acq: 27 Oct 2022 11:12

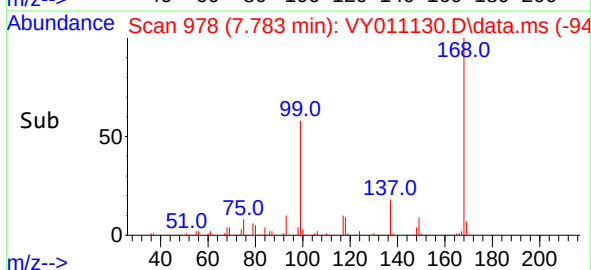
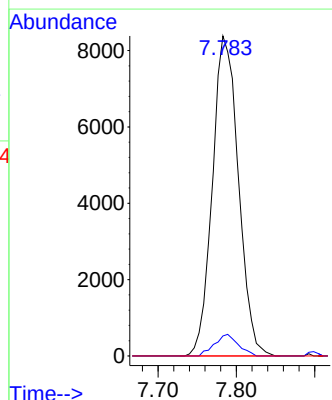
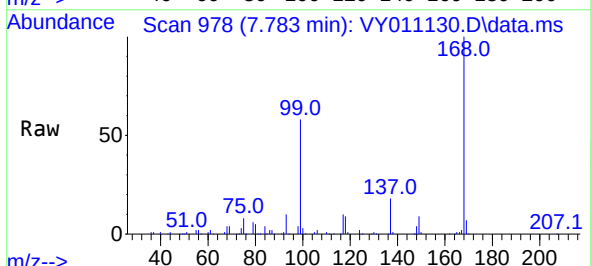
Tgt Ion: 117 Resp: 19367

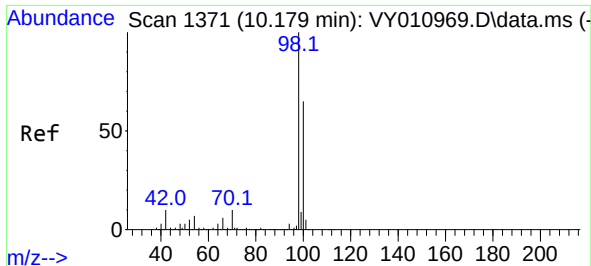
Ion Ratio Lower Upper

117 100

119 6.2 77.9 116.9#

121 0.0 24.8 37.2#

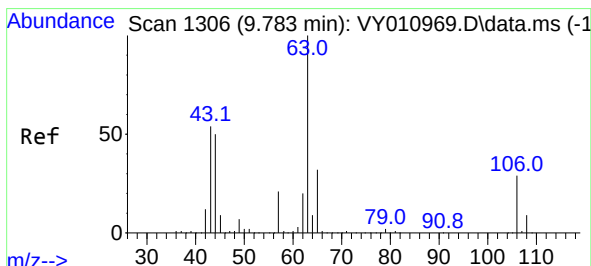
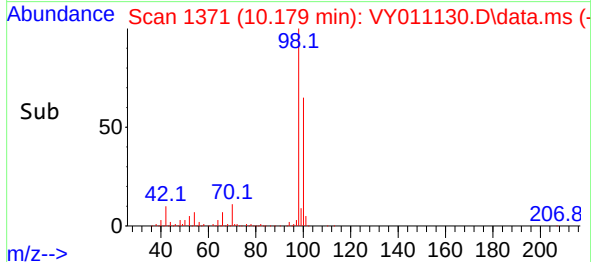
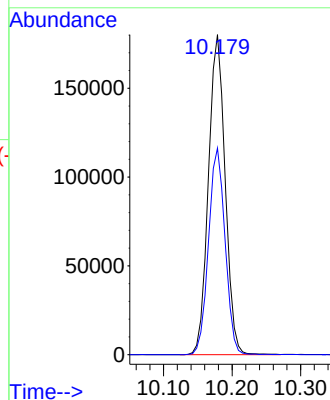
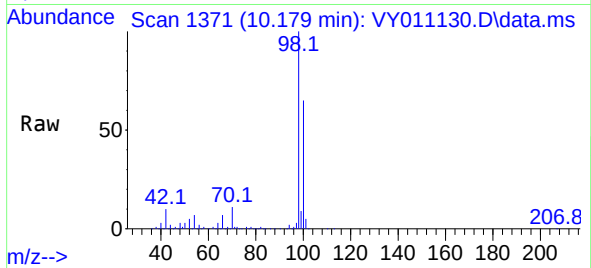




#50
Toluene-d8
Concen: 43.493 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011130.D
Acq: 27 Oct 2022 11:12

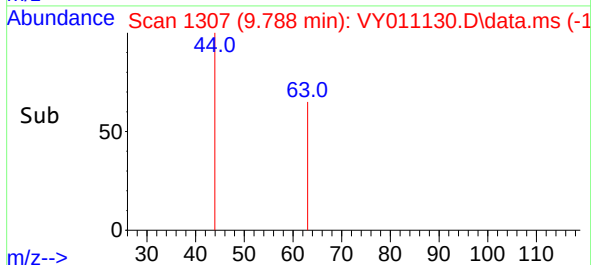
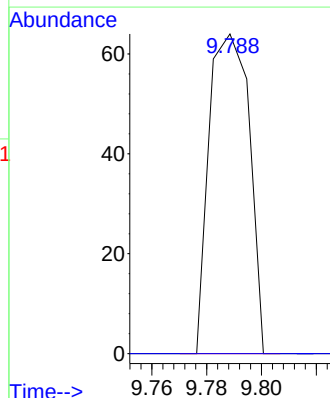
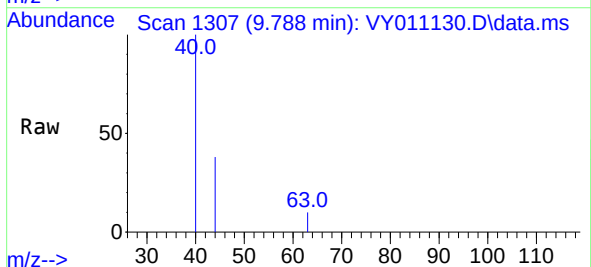
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBL01

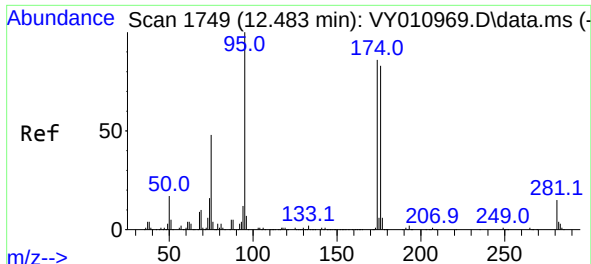
Tgt Ion: 98 Resp: 306138
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2



#58
2-Chloroethyl Vinyl ether
Concen: 17.009 ug/l
RT: 9.788 min Scan# 1307
Delta R.T. 0.005 min
Lab File: VY011130.D
Acq: 27 Oct 2022 11:12

Tgt Ion: 63 Resp: 65
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#

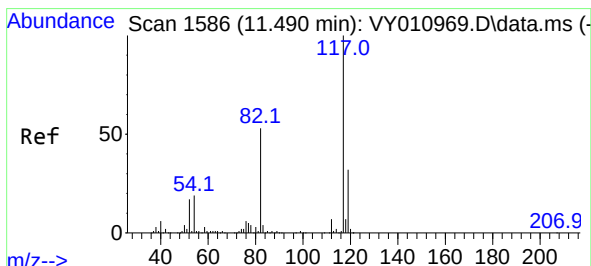
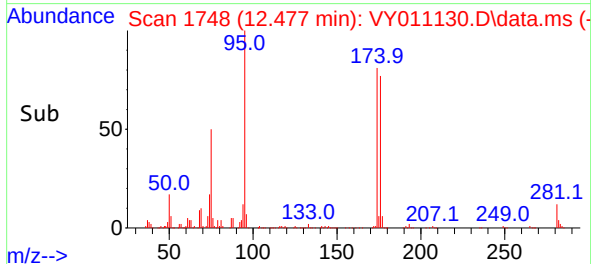
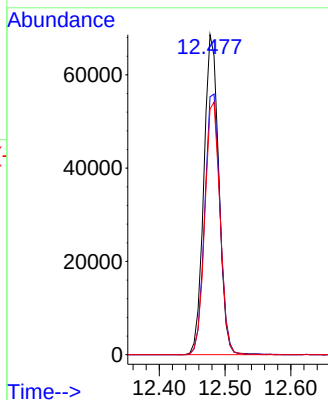
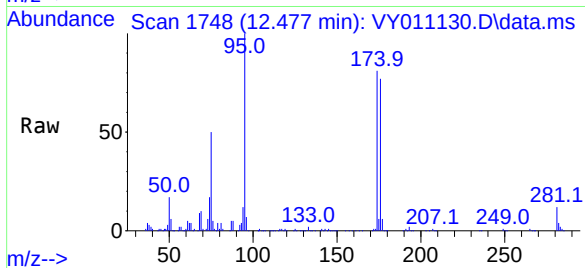




#62
4-Bromofluorobenzene
Concen: 43.152 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011130.D
Acq: 27 Oct 2022 11:12

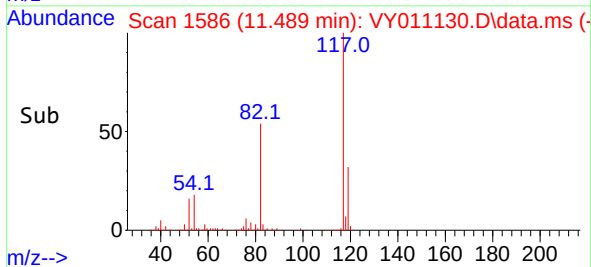
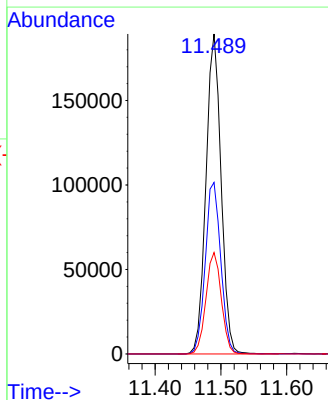
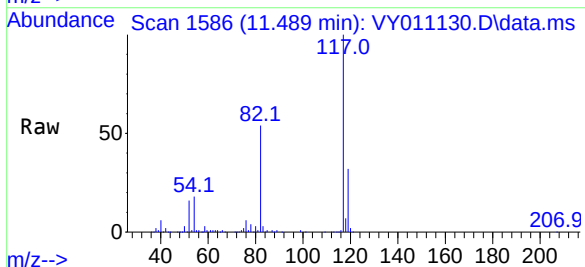
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MSVOA_Y
ClientSampleId :
VY1027SBL01

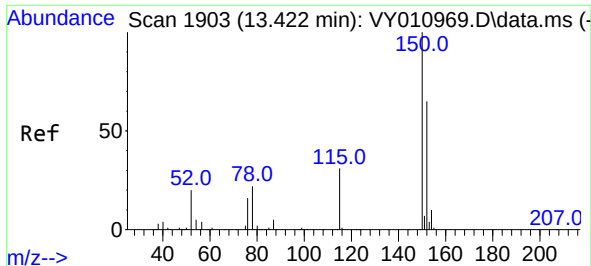
Tgt Ion: 95 Resp: 108642
Ion Ratio Lower Upper
95 100
174 83.4 0.0 177.0
176 80.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011130.D
Acq: 27 Oct 2022 11:12

Tgt Ion: 117 Resp: 302621
Ion Ratio Lower Upper
117 100
82 53.6 43.0 64.4
119 31.7 25.4 38.0

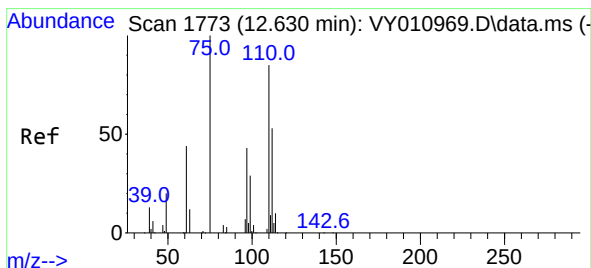
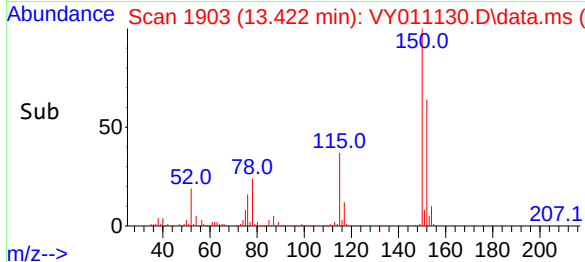
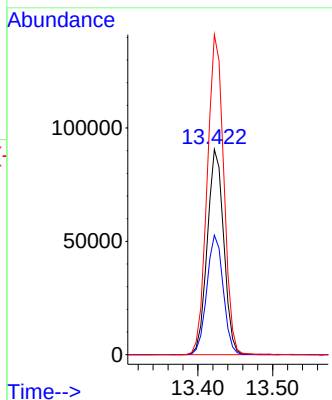
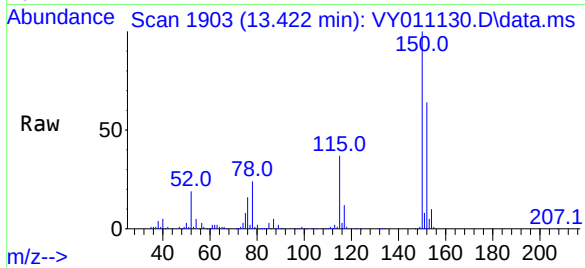




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY011130.D
 Acq: 27 Oct 2022 11:12

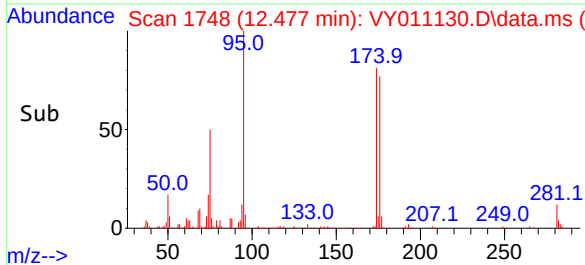
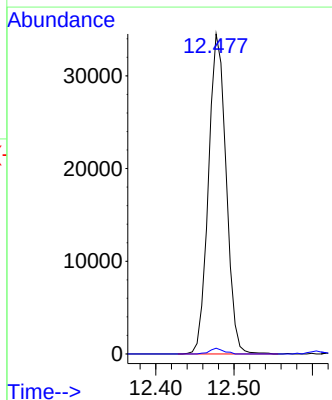
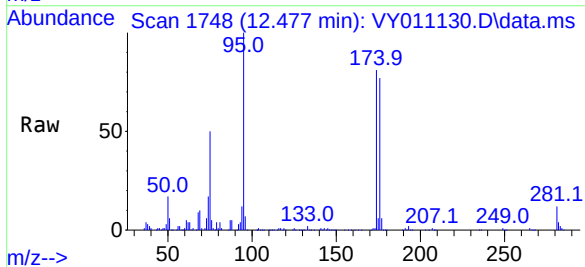
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1027SBL01

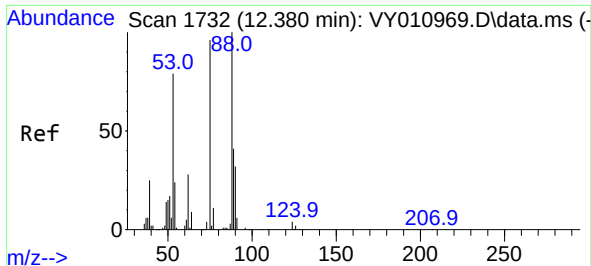
Tgt Ion:152 Resp: 138878
 Ion Ratio Lower Upper
 152 100
 115 58.1 28.2 84.7
 150 157.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 34.336 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY011130.D
 Acq: 27 Oct 2022 11:12

Tgt Ion: 75 Resp: 54138
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.847 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY011130.D
 Acq: 27 Oct 2022 11:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1027SBL01

Tgt Ion: 75 Resp: 54138
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.1 37.0 55.4#

